

November 19, 2003

Project 184 Weekly Update
Website: www.project184.org

Summary of Environmental Planning and Compliance Activities
For Project 184
Week Starting November 19, 2003

Mill to Bull Tunnel

Substantial progress was made this week on restoring the Alder spoils transfer site and removing unstable soils at two locations along Alder Road. At the lower road location, the District directed Macauley Construction to perform additional excavation and placement of rock to improve the stability of the slope supporting the Alder siphon. The District also met with the USFS on-site November 13 to discuss revisions to final surface treatment plans for the spoils transfer site. Instead of erosion control matting, the District is requesting USFS approval to use weed-free straw due to the undulating surface associated with the large percentage of rock.

Canal Bench Restoration

Hauling of salvaged materials from Staging Areas 1 and 2 on the ridge to the SPI Plum Creek staging area continued this week. Progress had been delayed by inclement weather (rain and snow), causing muddy access road conditions. GBI efforts to clear roads resulted in some road damage, and District and USFS representatives identified some interim measures (e.g., aggregate base rock placement in selected locations) that may be implemented to extend salvage transport while minimizing further road damage.

Mill Creek Bore Hole (Diversion Tie-In to Mill to Bull Tunnel)

Final District comments were provided to EN2 Resources this week on the Administrative Draft Initial Study and Proposed Negative Declaration. The document will be revised and circulated to the ERC, interested public, resource agencies, and State Clearinghouse for a 30-day review beginning late November. Depending on comments received, the District will consider finalizing the document, issuing a CEQA Negative Declaration, and approving the project approximately mid-January.

Lake Aloha Telemetry and Dam Maintenance

The District is awaiting USFS comments on the Project Description, which were due October 31. The District expects to receive USFS comments next week.

Echo Lake Conduit Repairs

Based on the scope of the project, Echo Lake dam and conduit work has been divided into two stages. The first will be to install a telemetry station and gate valve at the Echo Lake dam in 2004, and the second will be to perform the repairs to the conduit system in 2005. Depending on engineering evaluations, some repairs to the conduit tunnel may also be performed in 2004 until the more extensive repairs can be completed in 2005.

Powerhouse Water Quality Monitoring

Water quality monitoring upstream and downstream of the powerhouse was performed on two days this week during powerhouse testing operations. SMUD provided the District input on the District's proposed coordinated monitoring of turbidity in the vicinity of the El Dorado and Camino powerhouses. A letter confirming the joint turbidity-monitoring program will be transmitted from the District to SMUD next week.

SWPPP measures are in place and inspections are being performed as required.

Note: Higher flows are expected beginning October 28th through the end of the year in Silver Creek, Caples Creek, and South Fork of the American River. Our flows in the canal system will also be increased to maximum flow levels while we commence dynamic flume testing, and Power Generation.

Powerhouse Update:

Both Units #1 & Unit # 2 have been operating daily now since November 12, 2003. Load rejection testing at full load with both units was successful last week. This week we are performing further testing and calibration. Powerhouse crews will be operating the powerhouse between 5MW and 10MW this week. Powerhouse roadwork has been postponed until weather will accommodate work. Prior to any erosion work today EN2 Resources will review the Cultural Resources areas as relate to work planned to ensure compliance.

Canal

The flows in the canal will be increased between December 1st through 9th, to maximum flow levels while we commence dynamic flume testing, and Power Generation. The canal is being patrolled on a daily basis and there have been no major problems found which would prevent the canal to be filled to its capacity. SCADA is being manned 24 hours a day to insure the reliable and safe operation of the canal.

The residence houses located on the canal have been filled by Camp #5 Hydro employees which will insure the reliable and safe operation of the canal.

Bull Portal dewatering pump rewiring is scheduled to commence by November 19, 2003 and weather permitting will be completed by mid December.

Goodfellows is done hauling concrete sections of flume from the staging area to Sierra Pacific Industries property at Plum Creek. The roads out of the staging areas need to be graded but due to the weather we might have to wait until next year.

EID crews are working at the Staging areas dismantling the old flume and structures, which were located on the canal bench. The reusable material is being hauled to Camp #5 and stock piled, the trash is being hauled to a landfill. The snow has caused minor delays in the work but everything should be back on course.

EID is doing engineering and getting bids on the slide between Flumes 6 and 7. The plan is to fly a drill rig in and set it below the canal. Horizontal drains would be installed to relieve the water pressure against the canal section. Flights will be from the Lower Portal of Alder Creek and Flumes 6 and 7. EID plans on commencing this work November 19, 2003, and should be completed by December 7, 2003.

A letter has been sent to Sierra Pacific Industries requesting permission to install a gate on the access road into Flumes 39 & 40. The work on repairing the slide is processing and the replacing of the generator has taken place. It was noted that there was several stringers that were rotted under the flume and decided to replace them while the crew was in the area. The repairs were done last week and the access will be water bared for the winter.

The work has been complete at the Alder Creek Diversion Dam and the unused material and equipment will be flown out November 19, 2003. The work required changing the sluice gate, repairing the grizzly gate, repair work on the upstream face of the diversion structure and moving some rocks off the side of the flow channel. The repairs required welding and cement based grout work. All work was done in compliance with our Stream Alteration Agreement.

Work was started last week on the slides and Restoration project on the Lower Portals of Alder Creek Road. The contractor will be Macauley Construction and EID will have an inspector on the site overseeing the work. Care is being of keeping the ground protected whenever we have bad weather.

Training- Mike Taylor /USFS El Dorado National Forest Conducted this Training:

This Noxious Weed Training was given by the Forest Service on the proper way of cleaning the equipment before it is moved from one location to another to minimize the transporting of noxious weeds. This class was very informative and I would recommend this as a public workshop for all El Dorado County residents to spread awareness.

Echo Lake

The flashboards have been removed from the spillway and the conduit has been shut down for the winter. A letter has been sent to the agency requesting permission to remove the EAP site for the winter. Plans and a schedule are being drawing up to repair or replace the conduit and tunnel at Echo Lake in project phases over the next few years. The slumps and rock fall, which has occurred in the tunnel, have been surveyed and plans are being made to repair them. Safety fence has been installed around the areas of concern.

Caples Lake

Work has been completed on the rip raping of the Caples Lake Main Dam and Auxiliary Dam. EID is acquiring rock from the site at Tragedy Springs, which should help put to rest any concerns about noxious weeds. EID would like to thank the Forest Service and

Ladd Construction Company for allowing the use of the rock. Also the trail at the parapet wall at the Auxiliary Dam is being graded and repaired.

The flashboards have been removed from the spillway and the facilities have been winterized.

Silver Lake

The radial gates are fully opened, the flashboards removed for winter and the facilities have been winterized.

Lake Aloha

EID is working closely with the proper agencies to acquire permits for Lake Aloha Dam to install a telemetry station and make repairs to the dam, planed for the fall of 2004. An inspection trip was made Oct.29 with US Forest Service, EN2 and EID to check the location of the telemetry site.

A visit was made October 29, 2003 to Lake Aloha.

Staff 5.64 = 29.5 AF

Lake Aloha is shut down for the winter, which is the normal operating pattern.

**Listed below are the Projects readings for November 19, 2003,
Taken from SCADA:**

	Staff	Ac. Ft.	Draft
Echo Lake	.0	0	0
Echo Conduit	0		0
Echo Creek	1.56		4.52cfs
Caples Lake	49.63	15133	59.4cfs
Silver Lake	8.51	2479	24.6cfs
Pyramid Creek	1.54=7.31cfs		

There is 50.8 cfs @ A-11cfs being released into the canal at Intake and 63.1 cfs flowing in the South Fork of the American River at Intake.

A-17 Forebay Storage 3,797.3=299 af.

A-18 EID Irrigation Usage is 7.78 cfs.

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